Page 1

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Item	ın.
TICHI	11.

D3510-041

**Revision ID:** 

Item Name:

Skidtube Insert Assembly

**Start Date:** 



Accept



Setup Start

Stop



**Cust Item ID:** 

**Customer:** 

Reference:

Approvals: Process Plan:

Required Date: 3/4/2011

Date: 11/02/23 Tooling:

Date:

Run

Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID Operation Description Set Up/ **Run Hours**  Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

Draw Nbr

**Revision Nbr** 

D3510

Mori Sciki

Rev C

MORI SEIKI CNC LATHE LARGE

0.00 0.00

al 11.3.16

Mori Seiki CNC Lathe Large

Memo Turn as per Dwg D3510 & Folio FA652 Ensure that DT8877A Plug fits in tube.

30.50 Rivilled

QC2- Inspect parts off machine FAI/FAIB

uf 11:3.16

Memo

0.00

Quality Control

Dart	<b>Aeros</b>	pace	Ltd
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W/O:		WORK ORDER CHANGES								
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	:	PAR #:	Fault Cat	egory:	_ NCR: Yes I	No DQA:	Date: _			
	R	esolution:	Dispositi	on:	_ QA: N/C Clo	sed:	Date: _			
NCR:			WORK ORI	DER NON-CONFORMA	NCE (NCR	)				
DATE	STEP	Description of NC Corrective Action Section B				Verification	Approval	Approval		
DAIL	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector		
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4										

QC:

Operation

**Description** 

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Page 2

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day a series of the series of		Accept						Setup S	Start			
y: 2.00 ty: 2.00				Cust Item I Customer:	D:	·		\$	Stop			
D	Pate:	Tooling:		Da	nte:	-			Start			
Date:		SPC (Y/N):		Date:				Sto		P		l
n on	an i an allenda op <u>asi (et producedos de producedos de producedos e</u>	Set Up Run H		Tool ID	Tool #	Plan Code	Accept Qty	Rejec Qty		Reject Number	Insp. Stamp	
C VERTICAL MAC Memo 1-Machine as per	CHINING #1 Folio FA652 and Dw	0.00 0.00 g D3510	A.A	1103/17			_3_	ø			<i>;</i>	
2-Deburr												
Note:*-***.250" missing .266" dia	dia holes are to opene hole is to be drilled by	ed to finish size y skid dept.***	e by skidtube d	lept,and								
et parts off machin	ne FAI/FAIB	0.00	J. A	11/03/17			3	$\phi$	,			
Memo		0.00		·			***************************************					-

0.00 Memo Quality Control and 11/03/18 QC8- Inspect parts - second check 0.00 Memo

HAAS CNC VERTICAL MACHINING #1

QC2- Inspect parts off machine FAI/FAIB

Quality Control

Sequence ID/

120

HAAS 1

**Work Center ID** 

HAAS CNC vertical machine #1

Dart Aerospace Lt	td
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W/O:			WC	RK ORDER CHANG	iES					
DATE	STEP	PRO	OCEDURE CHA	NGE	В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	_	· Victor Stay								
Part No	:	PAR #:	Fault Cate	gory:	_ NCR:	Yes N	lo <b>DQ</b> A	\:	Date:	
	Resolution: Disposition:			_ QA: N/	C Clo	sed:		Date:		
NCR:		,	WORK ORDI	ER NON-CONFORM	ANCE (I	NCR)				
DATE	STEP	Description of NC	Description of NC Core			· · · · · · · · · · · · · · · · · · ·			Approval	Approval
	SILP	Section A	Initial Chief Eng	Action Description Chief Eng		on & Date	Section	on C	Chief Eng	QC Inspector
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Page 3

	Setup	Start	
		Stop	
Cust Item ID:			
Customer:			
	Dun	Start	

Start Date: Required Date: Reference:	2/23/2011 Start Qty: 2.00 3/4/2011 Req'd Qty: 2.00	A REMARKS COMPANIES		Cust Item I Customer:	D:				
Approvals:	Process Plan:QC:	Date:	Tooling: SPC (Y/N):		ate:	R	tun Sta Sto		
Sequence ID/ Work Center IE	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Skidtubes		0.00						

Accept

0.00 Skidtubes Memo 1-DrillL .266" Dia hole using DT8877B as per Dwg D3510 Skidtubes

2-Counter bore wearplate holes as per Dwg d3510. 3-open wearplatre holes to .297 as per Dwg D3510.

4-Deburr

QC5- Inspect part completeness to step on W/O 160



Quality Control

Memo

Chemical Conversion Coat per QSI005 4.1

0.00

HandFinish

Hand Finishing

170

Memo

0.00

W/O:		WORK ORDER CHANGES								
DATE	STEP	PRO	OCEDURE CH	IANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Ca	tegory:	_ NCF	R: Yes I	No DQA	:	Date:	
	R	esolution:	Disposit	ion:	_ QA:	N/C Clo	sed:		Date: _	
NCR:		1	WORK OR	DER NON-CONFORMA	NCE	(NCR	)			
DATE	OTED	Description of NC			on B		Verifica	ition	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Sectio		Chief Eng	QC Inspector
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J										

200

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

W/O:	WORK ORDER CHANGES								
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No: PAR #			Fault Categ	Jory:	NCR: Ye	s No Do	QA:	Date: _	
	Re	solution:	Disposition	<b>):</b>	QA: N/C	Closed: _		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	MANCE (NO	CR)			i
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Se Action Description Chief Eng	cription Sign &				Approval QC Inspector
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		-						· )	

#### Work Order ID 66663

Page 5

Wednesday, February 23, 2011 1:13:18 PM

Item ID:

D3510-041

Accept



Setup Start



**Revision 1D:** 

Item Name:

Skidtube Insert Assembly

**Start Date:** 

Required Date: 3/4/2011

2/23/2011

Start Qty: 2.00 Req'd Qty: 2.00

**Cust Item ID:** 

**Customer:** 

Reference:

Approvals:

Process Plan:

Date:

Tooling:

SPC (Y/N):

Set Up/

**Run Hours** 

Date:

Run

Start

Stop





Sequence ID/

Work Center ID 210

220

Operation Description

Identify as per dwg & Stock Location:

Date: \_\_\_\_

0.00

Tool ID

Date:

Tool # Plan

Code

Accept Qty

Reject Qty

Reject Number Stamp

Insp.

Packaging Packaging

QC21- Final Inspection - Work Order Release

0.00

Quality Control

Memo

Memo

0.00

MF 11-03-22

W/O:		WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE					Date Qt	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
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•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
Part No: PAR #:		Fault Cat	Fault Category: NCR: Yes No				Date: _						
Resolution:			Disposition: QA				Date: _						
NCR:			WORK ORE	DER NON-CONFO	RMANCE	(NCR)	)						
DATE	STEP	Description of NC	Initial	Initial Action Description Chief Eng Chief Eng			Verificatio		Approval				
		Section A					Section C	Chief Eng	QC Inspector				
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Ji	The state of the s												

#### Picklist Print

Wednesday, February 23, 2011 1:13:14 PM

Work Order ID: 66663

D3510-041 Parent Item:

Parent Item Name: Skidtube Insert Assembly



Start Date: 2/23/2011

Start Qty: 2.00

Required Date: 3/4/2011

Required Qty: 2.00

Comments:

1PP Rev:A New Issue 06-10-12 JLM

IPP Rev:B ALES-1032 and ALS4-428 insert now used ECN 1036 DD IPP Rev:C Revised manufacturng steps for LG 08-09-29 Veriified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6T3.500W.375		Purchased	No			100	f	8.5000	2.55	5.368421	Q11.	3.1	6
				Location	!	Loc		Loc Code					
				MAT	112582		8.5 83			A1/.			
ALS4-1032-225		Purchased	No			190	Each	4,015.000	6	12		03/7	32
Insert				Location		Loc	<u>Oty</u>	Loc Code					•
				PK011	110768		4015 4015		_	XX	,		
ALS4-428-165		Purchased	No			190	Each	93.0000	2	# 6 Jul	<u>u\</u>	08(-	2
				Location		Loc	<u>Oty</u>	Loc Code					
				FP	6989		5 5		_				
				ST282	0707		88						
					114172		88		_	X \$0			

			*									
W/O:			WORK ORDER CHANGES									
DATE	STEP	PR	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No:		PAR #:	Fault Category: NCR: Yes No DQA: _						Date:			
Resolution:			Disposition	ı:	QA: N/C	Closed:		Date:				
NCR:			WORK ORDE	R NON-CONFORM	IANCE (NO	CR)						
DATE	STEP	Description of NC		Section B Verifica				Approval				
DATE	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng			Section C	Chief Eng	QC Inspector			
							÷					
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#### Picklist Print

Work Order ID: 66663

Wednesday, February 23, 2011 1:13:15 PM

Parent Item:

D3510-041

Parent Item Name: Skidtube Insert Assembly

ALS7-1032-130

Purchased

No

Start Date: 2/23/2011

Start Qty: 2.00

1,814.000

Required Date: 3/4/2011

Page 2

Required Qty: 2.00

11/03/22

<b>Location</b>	Loc Qty	Loc Code	
FP	21		
115079	21		
ST282	1793		
111529	32		
113238	17		
115502	500		
115581	244		
116 <u>800</u>	1000		X 46

Each

190

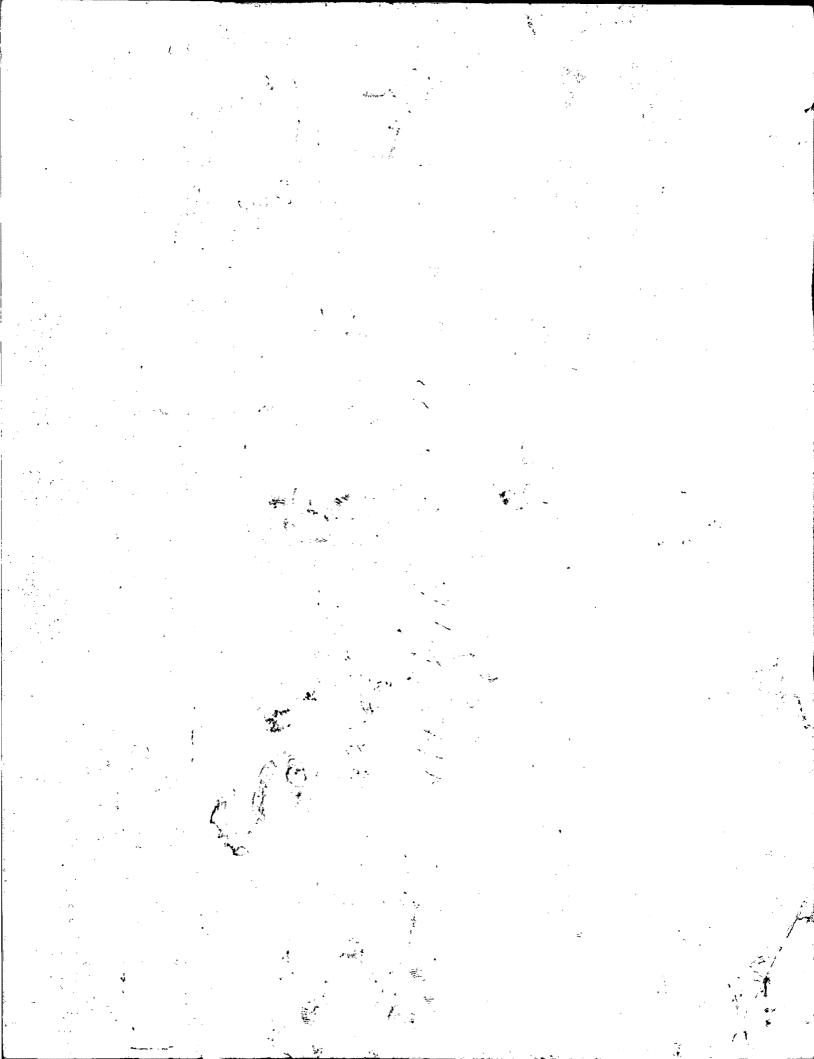
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W/O:			V	VORK ORDER CHANG	ES			
DATE	STEP	PRO	OCEDURE CH	IANGE	Ву	Date Q	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No:		PAR #:	Fault Ca	tegory:	_ NCR: Yes	No DQA: _	Date: _	
Resolution:			Disposit	ion:	_ QA: N/C C	losed:	Date: _	
NCR:			WORK OR	DER NON-CONFORMA	NCE (NC	R)		
DATE	STEP	Description of NC		Corrective Action Section		Verification	n Approval	Approval QC Inspector
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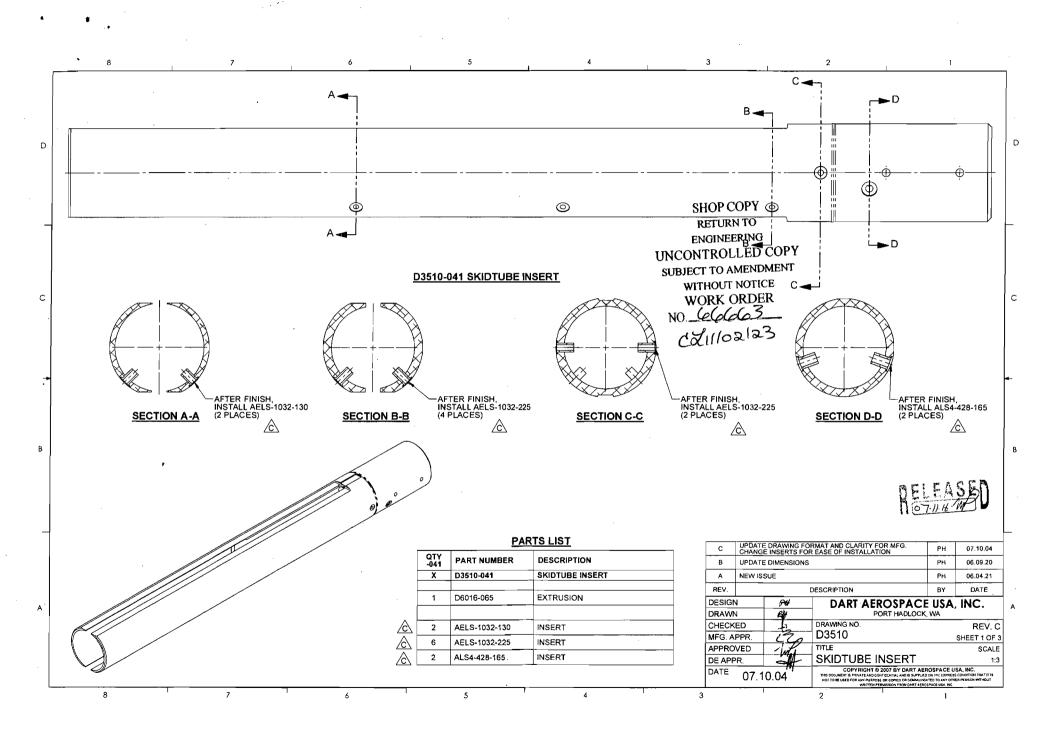
DART AEROSPACE LTD	Work Order:	66663
Description: Skidtube Insert	Part Number:	D3510-041
Inspection Dwg: D3510 Rev: C		Page 1 of 1

	FIRST	ARTICLE IN	SPECTION	N CHECK	KLIST			
	. X	First Artic	le 🔙	Prototy	pe			
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments		
Ø3.300	+/-0.010	3.302			20.02	No.		
Ø2.9 <b>40</b>	+/-0.010	2-940						
Ø2.750	+/-0.010	2.752						
R0.25 x 0.066	+/-0.010	25×.66						
15.00	+/-0.030	15.00	/-/	_				
0.063 x.45°	+/-0.010 x 0.5°	.063						
0.125 x 45°	+/-0.010 x 0.5°	.125						
5.270	+/-0.010	5.270			7			
3.265	+0.000/-0.010	3.263						
30.50	+/-0.030	30.515				_		
9.515	+/-0.010	9.514	~		Vecn	CNC-OZ		
6.875	+/-0.010	6.875	~		11	11		
13.750	+/-0.010	13.750	~		TAPE	GA-12		
1.600	+/-0.010	1.600	~		14-6	31006		
2.165	+/-0.010	2.165	~		Vern	6A-01		
6.735	+/-0.010	6.745			Vern	CNL-02		
2.981	+/-0.010	2.981	1		H-6	31006		
2.434	+/-0.010	2.434	~		Vern	6A-01		
1.036	+/-0.010							
Ø0.266	+0.006/-0.001	96.267	~		Vern	GA-01		
Ø0.391	+/-0.010	Ø0.393	<b>√</b>		11	11		
Ø0.516 x 0.100	+/-0.010	Ø0.521x.101	~		<b>Λ</b> ει <i>υ</i>	64-01		
Measured by:	0/40	Audited by:	0.0		ototyne Annro	val: N/A		
	1 B.Ay	-	-ME	Pr	Prototype Approval: N/A			
Date:	13-16/11/03/17	Date:	1/03/18		D.	ate: N/A		

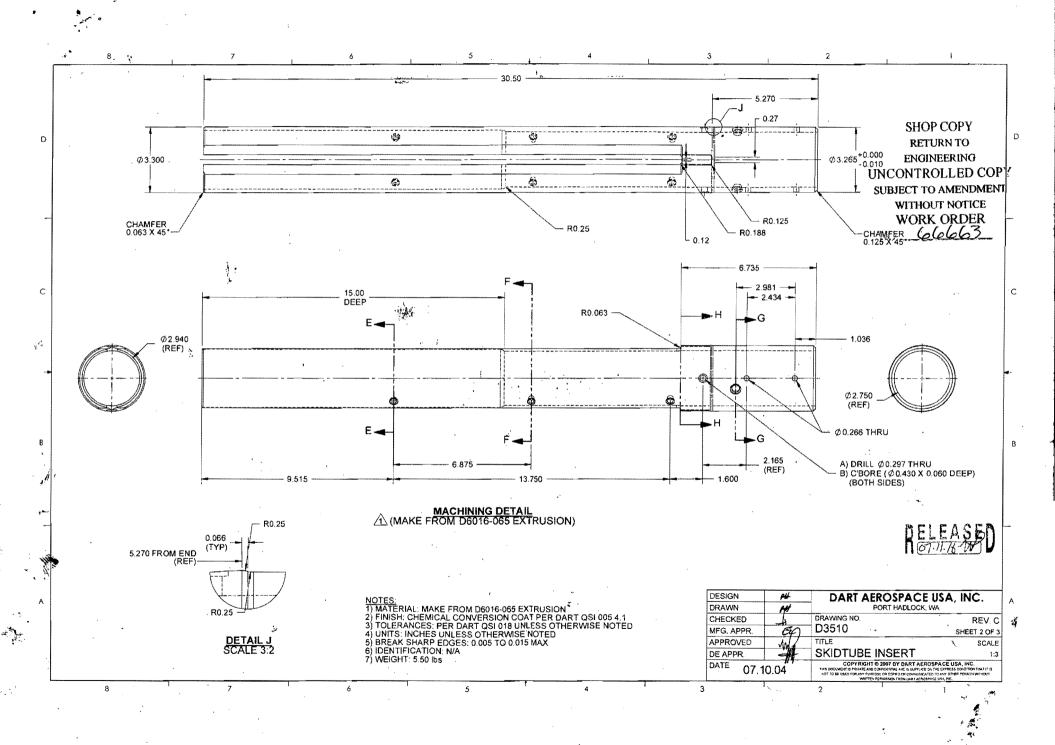
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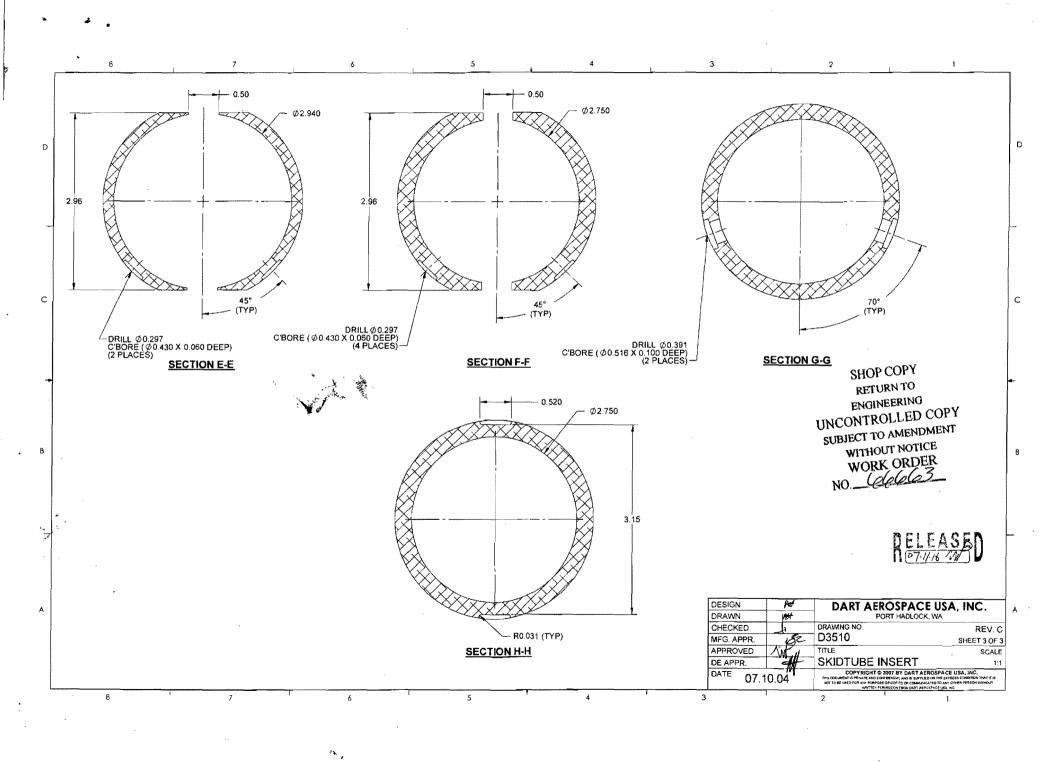
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